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T-Series

DSC-TX10

16.2MP | 4x OPTICAL ZOOM | 3.0" LCD

The Sony® DSC-TX10 lets you live life on the edge. This stylish and innovative camera will fit perfectly into your active life. Waterproof, shockproof, dustproof, freeze-proof, HD movies, 3D photos, Sweep Panorama™ mode, and a touch screen, this powerful tool follows you to the edge and proves you were there.

Rugged and Stylish

This camera is just as much at home in the water as on a night on the town! The sleek and stylish TX10 fits the slimmest pocket or purse, yet is waterproof to a depth of 16 ft, shockproof from falls up to approximately 5 ft and dustproof thanks to its airtight construction.[15] As well, this durable camera can even withstand extreme weather conditions, as it is operable in temperatures from 14- to 104-degrees Fahrenheit. Seamlessly shifting from underwater marvels to a night on the town, the TX10 always makes it easy to get the best shot!

3.0" (921K dots) XtraFine LCD™ display

3.0" (921K dots) XtraFine LCD™ technology gives you brilliant-quality still images and movies with easy focus.

16.2 Megapixel Back-illuminated "Exmor R" CMOS Image Sensor

The DSC-TX10 features a 16.2 megapixel "Exmor R" CMOS image sensor that brings out the full resolving power of the camera's Carl Zeiss® Vario-Tessar® lens to deliver extremely fast speed, high resolution, and stunning low-light sensitivity with improved image clarity and drastically reduced grain. In addition, the combined "Exmor R" CMOS sensor and BIONZ® image processor delivers extremely fast up to 10fps, Anti-Motion Blur, Hand-held Twilight and 1080i movie modes.

Full HD 1080/60i

Record crystal clear movies at the highest resolution available with capabilities for 60i in 1080 Full HD[6]. This provides stunning, fast motion video with less distortion for playback on your HD TV.[9]

3D Still Image

Produce awe-inspiring images with 3D still image and 3D Sweep Panorama™ capabilities. Images will take on a new dimension to view the world in a whole new way.[7]

Intelligent Sweep Panorama™ HR mode

With Intelligent Sweep Panorama™ HR mode just press the shutter, pan across the landscape and let the camera do the rest. It automatically links together each frame to produce a high resolution panoramic image providing the ability to zoom in on small details. This model even detects faces and moving subjects to stitch intelligently different widths to help avoid subject distortion.

Background Defocus

DSLR photographs are often beautiful because they blur the background, putting the emphasis on the subject. Now our point-and-shoot cameras can deliver this signature DSLR benefit. The system takes two shots, identifies the background and applies a defocused background keeping the subject crisp and clear.

Additional features:

- Superior Auto: awesome shots, automatically
- Soft Skin mode reduces visible blemishes, and wrinkles
- Natural Flash corrects color balance for lifelike shots
- Fast capture with up to 10fps at full 16.2MP resolution
- Carl Zeiss® Vario-Tessar® 4x (25mm) optical zoom lens
- HDMI™ output for easy connectivity
- Smile Shutter™ technology automatically captures a smile
- Face Detection technology captures faces naturally
- Motion Detection suppresses blur in people and other subjects
- Anti-blink, Face Priority and Red-eye Reduction functions
- Anti-Motion Blur/Hand-held Twilight for less grain and blur
- Backlight Correction HDR for scenes with high-contrast (2 shots)
- Sweep Multi Angle™ for 3D-like view on the camera's LCD

Specifications

General	
Camera Type	Waterproof[15] sleek and stylish with 3" touch screen
Image Device	1/2.3" (7.77mm) "Exmor R" CMOS Sensor
Effective Pixels Resolution	16.2MP
Processor	BIONZ®
Optics & Lens	
Lens Type	Carl Zeiss® Vario-Tessar®
Lens Construction	12 elements in 10 groups (including 6 aspheric elements,1 prism)
Aperture Range	iAuto (F3.5-F6.3 (W)) / Program Auto (F3.5-F6.3 (W))
Focal Length	4.43-17.7mm
35mm Equivalency	Still 16:9: 27-108mm / Still 4:3: 25-100mm / Movie 16:9: 27-108mm / Movie 4:3: 33-132mm
Optical Zoom	4x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Total Zoom	Approximately 16x with Precision Digital Zoom
LCD & Viewfinder	
LCD Type	3.0" XtraFine LCD™ (921K dots)
Viewfinder	-
Recording	
Media Slot	MS PRO Duo™ media / SD/SDHC media[10]
Still Images	16:9 12M (4,608 x 2,592) / 2M (1,920 x 1,080); 4:3 16M (4,608 x 3,456), 10M (3,648 x 2,736), 5M (2,592 x 1,944), VGA (640 x 480), 3D: 16M (4,608 x 3,456) / 16:9 (12M) (4,608 x 2,592); Panorama 2D: 7,152 x 1,080 (238deg) / 4,912 x 1,080 (163deg) / 4,912 x 1,920 (172deg) / 3,424 x 1,920 (120deg), 3D: 7,152 x 1,080 (238deg) / 4,912 x 1,080 (163deg) / 4,912 x 1,920 (172deg) / 3,424 x 1,920 (120deg) / 1,920 x 1,080 (64deg)
Video	1,920 x 1,080 (PS) Approx. 28Mbps Approx. 60fps Progressive / 1,920 x 1,080 (FX) Approx. 24Mbps Approx. 60fps interlace / 1,920 x 1,080 (FH) Approx. 17Mbps Approx. 60fps interlace / 1,440 x 1,080 (HQ) Approx. 9Mbps Approx. 60fps interlace / 1,440 x 1,080 Approx. 12Mbps Approx. 30fps, Progressive / 1,280 x 720 Approx. 6Mbps Approx. 30fps, Progressive / 640 x 480 (VGA) Approx. 3Mbps Approx. 30fps, Progressive
Microphone / Speaker	Stereo / Mono
Focus	
Focus	9 points AF / Center Weighted AF / Spot AF / Flexible Spot AF (Touch)
Intelligent Auto Focus	Yes
Macro Mode	iAuto (W: Approx. 1cm (0.39') to Infinity, T: Approx. 50cm (1.64') to Infinity) / Program Auto: (W: Approx. 8cm (0.26') to Infinity, T: Approx. 50cm (1.64') to Infinity)
Exposure	
Exposure Metering	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
ISO	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
Backlight Correction HDR	Yes
Dynamic Range Optimizer	Standard
White Balance	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / Underwater: Auto / Underwater1 / Underwater2
Shutter	
Shutter Speed	iAuto (2" - 1/1,600) / Program Auto (1" - 1/1,600)
Burst Mode	Approx. 10 fps at 16.1MP (Maximum 3 shots)
Flash	
Flash Type	Built-In
Flash Effective Range	ISO Auto: Approx. 0.08m-Approx. 3.7m (Approx. 0.26'-Approx. 12.13') (W) / Approx. 0.5m-Approx. 2.7m (Approx. 1.64'-Approx. 8.85') (T), ISO3200: up to Approx. 5.2m (Approx. 17.0) (W) / Approx. 3.8m (Approx. 12.4') (T)
Flash Mode	Auto / On / Slow Syncro / Off

Features	
Superior Auto	36 scenes still / 36 scenes movie
Scene Modes	High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Hi-Speed Shutter / Underwater / Gourmet / Pet / Soft Skin / Hand-held Twilight / Anti-Motion Blur / Backlight Correction HDR
Image Stabilization	Optical SteadyShot™ image stabilization
GPS	-
Waterproof[15]	Up to approx. 16 feet (1 hour)
Dustproof[15]	Yes
Freeze-proof[15]	-10°C/ 14°F
Shockproof[15]	1.5m/ 5ft
Panorama	Sweep Panorama™ HR (Horizontal / Vertical up to 238-degrees)
Multi-shot layering	Hand-held Twilight / Anti-Motion Blur / Backlight Correction HDR
3D[7]	3D still image / 3D Panorama / Sweep Multi Angle
Intelligent Auto	Yes
Face Detection	8 Faces (Auto / Touch / Child Priority / Adult Priority)
Motion Detection	Yes
Blink Detection	Yes
Smile Shutter™ Technology	Yes
Self-timer	Off / 10sec. / 2sec./ portrait1 / portrait2
In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
TransferJet™ Technology	Yes[8]
Inputs & Outputs	
USB	Yes - USB 2.0 Hi-Speed
HD Video	HDMI/Composite (1080i)
SD Video	Yes
Power	
Supplied Battery	Lithium-ion NP-BN1 3.6V
Battery Life (Approx.)[27]	125
Number of Images (Approx.)[27]	250
Weights & Measurements	
Dimensions (Approx.)	3 7/8" x 2 1/4" x 23/32" (95.6mm x 56.1mm x 17.9mm)
Weights (Approx.)	Body: 4.2 oz. (118g), With battery and Memory Stick media: 4.7 oz. (133g)
Software	
Supplied Software	Picture Motion Browser Ver 5.5, PMB Portable 5.5 (for Windows), PMB Portable 1.3 (for Macintosh)[1]
Operating System Requirements	PMB and PMB Portable: Microsoft Windows XP SP3, Windows Vista SP2, Windows 7. PMB Portable also compatible with Macintosh OS® X (v10.4 - 10.6)
Service & Warranty	
Limited Term Warranty	Limited 1 Year Parts & Labor
Supplied Accessories	
Battery	Lithium-ion NP-BN1
Battery Charger	BC-CSN
Wrist Strap	Yes
Paint Pen	Yes
USB Cable	Yes

Footnotes

1. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
6. Records in 29 minute segments.
7. Requires 3D HDTV, HDMI™ cable (at least 10.2 Gbps) and active 3D glasses (all sold separately).
8. TransferJet™ enabled media (sold separately) and TransferJet technology required in both devices.
9. HD viewing requires HD output adapter cable VMC-MD3 (sold separately) and HDTV with equivalent display capability.
10. When using movie mode Memory Stick PRO Duo with MARK2 logo, Memory Stick PRO-HG, Class 4 or higher for SD/SDHC/SDXC media are recommended.
15. Waterproof certified to IEC60529 IPX8 standard, shock-proof Certified to MIL-STD-810F Method 516.5-Shock, dustproof certified to IEC 60529 IP5X standard, and can operate in temperatures between 14 degrees Fahrenheit (-10 degrees Celsius) and 104-degrees Fahrenheit (40 degrees Celsius).
27. Actual results may vary based on product settings, usage patterns and environmental conditions. Battery capacity decreases over time and use.

BLUE

SILVER

BLACK

PINK

GREEN

3.0" LCD

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